

COLORADO RED QUARRIED SANDSTONE



GENUINE STONE

ABOUT COLORADO RED QUARRIED SANDSTONE



Natural Colorado red quarried sandstone, with its durability and wide spectrum of hues and textures, brings vibrant life to any building project. This high-quality stone's colorful beauty increases with time.

Our stone was deposited as sand dunes nearly 300 million years ago, when a shallow sea lay east of Colorado's Front Range. Its hardness and color make it a perfect choice for walls, flagstone pavers, stone veneer, architectural stone, chop rock, blocks and slabs, signs, and custom-built stone furniture.



Colorado red quarried sandstone doesn't just stand up to the outdoors. It is the outdoors, its beauty and resilience reflecting the deep natural history of Colorado's mountains and high plains.

Colorado red quarried sandstone naturally splits into layers as it comes out of the ground.

- The rough, flat surface of the split is called **natural cleft**.
- The other sides of the quarried stones are **seam faces**.
- We can split slabs into specific shapes with a **snap cut**, leaving a rough-edged face, or we can use a stone **saw** to create a smoother side face.

Our prices reflect these ascending degrees of finish: seam face, snap-cut, and sawn.

Colorado red quarried sandstone is a hard, low absorptive quartzitic sandstone that resists freeze/thaw cycles and has a slip-resistant natural cleft. We offer random flagstone, precut modular squares, and steppers for floors and walkways. Choose our standalone wall stones or veneer, landscape blocks and slabs, or a variety of stone cuts for paving, curb stones, capstones, and stair treads. Custom-made outdoor stone furniture offers a natural, maintenance-free way to turn outdoor areas into living spaces.

Random shapes
Flat and vertical pallets
Pallet-sized
Steppers



Patio stones • Cut dimension stone
Random cobbles and pavers
Herringbone pavers
Porous paving



Snap cut wall stone and jumpers • Seam face wall stone
2" one-cut wall stone
Capstones • Planter kits
Retaining wall stone



Random blocks, steps, and slabs
Signs



Full-depth veneer
2" cut face
Panel cladding



Rocky Mountain Rose • Federal Rose
College Rose • Cottage Rose • Provincial Rose



Trestle benches • Trestle-backed benches • Keystone benches
T-leg benches • Block benches • Stacked benches
Natural benches • Dining tables • Other tables
Planters • Plant stands • Triangle stools



FLAGSTONE



Randomly shaped flagstone is our most popular product. The top is a natural cleft face and the sides a mixture of snap-cut and seam face edges. Available in small (steppers), standard, large, and pallet-sized surface dimensions.

We ship standard stone on **flat pallets**, the industry standard for the Front Range.

- Can be ordered in thicknesses of 1", 1.5", or 2".
- Each 42" x 48" pallet layer holds 2 to 3 pieces.



We ship large flagstone in durable, **vertically arranged pallets**. This allows easy access to any stone in the pallet. Vertical pallets offer significant design and labor-saving advantages over traditional flat pallets:

- Easy sorting and extraction, as all stones are immediately accessible.
- Freer, more artistic installations of less regular stones, which can be larger than the 42" by 48" pallet size.
- Less breakage during shipping.

Pallet-size flagstone (right) offers stone in a variety of thicknesses and surfaces of approximately 28"–40" x 45"–60", with larger slabs by special order. Larger stones mean faster installation, enhanced visual appeal, an appropriate scale for large installations, and less waste from fewer joints.

Steppers are one-half to one-quarter the size of our standard flagstones. They are ideal for low-traffic areas, as garden stepping stones, or set in concrete for patios.

Flagstones require one of three setting options:

Chose **mortar set**—the most stable option—over existing concrete patio or to create a very strong surface. It is compatible with thin (1") flagstone. Water will not pass through mortar, allowing power washing and storm water control. Mortar may require repointing, and the freeze/thaw cycle may separate stone and underlying concrete.

Sand set is the most cost-effective choice. It is easily maintained, naturalizes well, passes stormwater into the soil, and works best with stone that's 1 1/2 or 2" thick. Sand may let stone shift and can be difficult to clean. Weeds may grow between sand-set stones.

Epoxy sand is more expensive than sand. It resists weeds and is available in either black or white. This is a new product with unknown long-term maintenance needs.



Typical sand-set flagstone patio with retaining wall



Square cut sand-set patio stones transitioning to random flagstone



Mature sand-set patio (at least 20 years old)



White mortar with tight jointing



Colored mortar with loose jointing



Pallet-sized flagstone widely spaced in pea gravel

PAVERS AND CUT DIMENSION STONE



Patio Squares

Stock sizes:

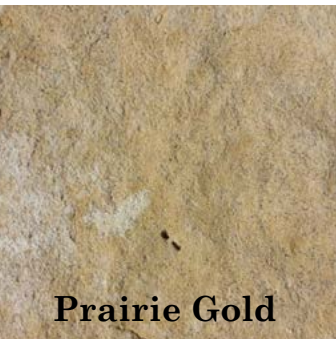
12 x 12" 18 x 18"
12 x 18" 18 x 24"
12 x 24" 24 x 24"

Requiring no shaping, Colorado red quarried sandstone **patio squares** are great for do-it-yourself patios and geometric patterns. We sell patio squares in nominal stock sizing (see list), snap cut and 2" thick. Actual size is 1/2" shorter in each dimension, to allow for joint clearance, space between stones, and pattern regularity; sizing accuracy is to 1/8".

We sell other **cut dimension stone** at standard thickness tolerances of +/- 1/4" for stone up to 6" thick, or +/- 1/2" for stone 6" to 12" thick. We offer **custom sizing** of up to 84" on a side, 12" thick, and 1/8" tolerance.

All our cut stone (including pavers) is available in **Prairie Gold**, in more precise gauged cuts. Sample at left.

Our rougher **snap-cut edges**, which allow a small space between stones and give a more rustic look, are the industry standard. Minimum thickness is 1 1/4", with a 1/2" joint allowance.



Prairie Gold

Our **sawn-edge** stone's even edges allow a tight joint between stones and a refined look.

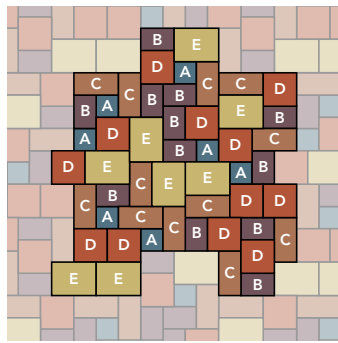
Colorado red quarried sandstone **random cobbles** (4" wide) and **pavers** (8" wide) are available in uniform, custom-specified thicknesses with 1/2" tolerance, with varying lengths.

Our **herringbone pavers** offer a uniform, brick-like texture. They are 2" thick and available in dimensions of 4" x 8.5" or 4" x 13". See sample at left.



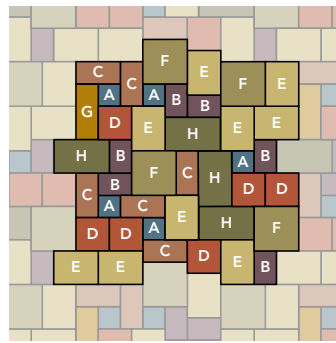
SAMPLE PAVER LAYOUTS

12 x 12"	A
12 x 18"	B
12 x 24"	C
18 x 18"	D
18 x 24"	E
24 x 24"	F
12 x 30"	G
18 x 30"	H
12 x 36"	K
24 x 36"	M
36 x 36"	O



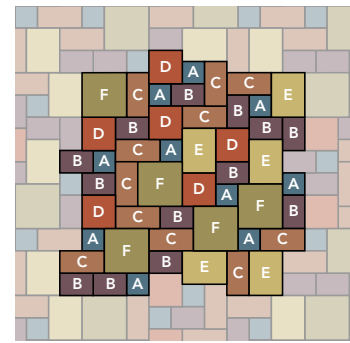
Mediterranean

100 square foot repeating



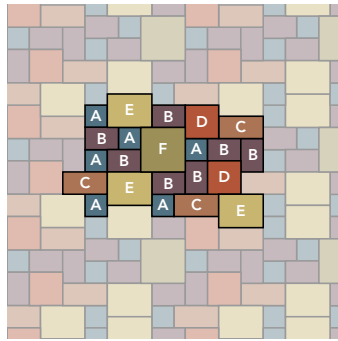
Tuscany

100 square foot repeating



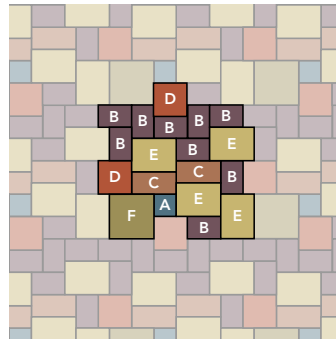
Telluride

100 square foot repeating



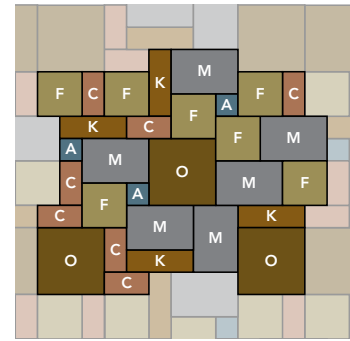
Mount Evans

40 square foot repeating



Pikes Peak:

39 square foot repeating

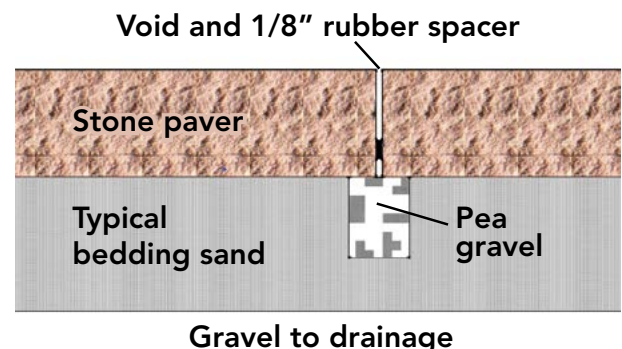


Boulderado

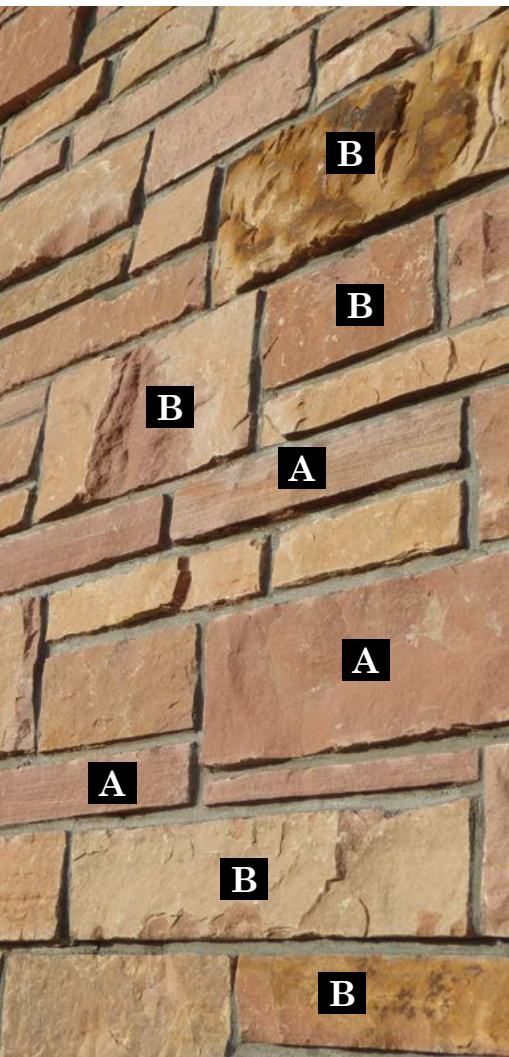
120 square foot repeating

Colorado red quarried sandstone **porous paving** handles the heaviest deluge while being safe for any high-heeled shoe.

- Three times stronger than any concrete paver, so less material covers a greater area. Specify thicker stone where you need greater strength, so emergency vehicles can access an area that shows no visible design difference.
- Allows natural drainage with 1/9th of concrete's carbon footprint. Unsightly drains never mar stone patterns.
- A unique installation process adheres a rubber spacer to each paver's corners. Stone movement can't close joints. Water flows from the surface to pea gravel, bedding sand, and drainage below. Safe to power wash or vacuum. No mortar to repoint or replace.
- Naturally slip resistant, absorbs heat, and is freeze-thaw and salt stable, making it ideal in icy situations.
- Stones can be removed and then replaced for easy utility access.
- Pieces of up to 40 square feet make installations stable underfoot and less likely to move over time.



WALL STONE



Colorado red quarried sandstone is an outstanding material for **retaining walls**, **raised beds**, and **planters**. One ton of 8" wall stone covers 18 square feet on a project's face.

Our 8" **snap-cut wall stone** and **jumpers** are classic wall material that shine in an ashlar pattern. Snap cut on four sides, they have square-cut ends and random height/length. Use them for non-load-bearing retaining walls up to 16" or planters up to 32".

Seam face wall stone offers the same size, price, and quality, but with more texture and dominant brown and beige color tones, for a more rustic finished look. Capstone helps create a finished appearance to both cut and seam face wall-stone.

In image at left, **(A)** indicates snap-cut face and **(B)** indicates seam face.

2" one-cut wall stone is an excellent value and an ideal building material for shorter retaining walls—less than 16"—or planters up to 32" in height, straight or curved, non-load bearing. It must be paired with a 12" or 14" capstone. A ton covers a surface of 16 to 20 square feet.

Capstones are required for for 2" one-cut wall stone and recommended for all other wall stone, except retaining wall stone. They come in any top-face width from 2" up, thicknesses from 1 1/4" to 12", and random lengths. We sell them by the linear foot, with specified lengths by custom order.

Planter kits contain coursed stone, sized for a square or round footprint, and include capstone. Planters must be lined with landscaping fabric.

Our **coursed retaining wall stone** is a good choice for large, weight-bearing retaining walls, pinned or unpinned, that will not break down like concrete. Slabs have depths of 18" to 22" inches. You indicate total wall length and height; we ship single-height courses from 7" to 12" that add up to your desired dimensions. A two-person crew with a Bobcat can install these courses.

We also sell **random (non-coursed) retaining wall stone**.



RANDOM BLOCKS AND SLABS



Random blocks, steps, and slabs of Colorado red quarried sandstone are great as retaining walls, sitting stones, and accent pieces.

- **Slabs** are available in thin (1" to 3.25"), medium (3.25" to 6") and thick (6" to 12"), trimmed or untrimmed, with top face dimension specified or unspecified.
- **Natural steps** are 12" to 30" deep, stocked in short (24" to 42") or long (42" to 72") lengths. Custom dimensions are also available.
- **Blocks and round boulders** are random, specified (with a dimensional tolerance of +/- 12"), or prime (with a tighter dimensional tolerance).

Blocks, steps, and slabs' natural cleft surfaces can also serve as **signs**, and we can sandblast words and/or images into the stone. We offer **wire-saw cutting** on any surface, straight or profile patterned.



veneer and panel cladding



Covering 35 square feet per ton, our **full-depth veneer** is 4" deep and offers the same face height range as our 8" wall stone. Projects typically include mortar layup with a concrete backer, with a possible height up to 7 stories. Stone can be connected to the wall behind it, though this isn't required.

Cut matters in determining color and texture.

- The **cut face** offers more consistent color.
- The **seam face** shows more beiges and browns and gives a more rustic look.

You may also choose our **2" cut face**. Identical to our 4" full-depth veneer in other ways, it yields twice the coverage per ton. Because it weighs less, it is easier to shape and lay up. It requires a supporting brick ledge.

Where a random pattern isn't desirable, choose Colorado red quarried sandstone **coursed veneer**. It offers a specified face height, plus or minus 1/4".

With its rectangular or square panels, **panel cladding** shows the rock's natural cleft face. This product looks a bit more refined than veneers, particularly with an optional **honed, matte polished finish**. It is ideal for large commercial or institutional buildings, especially those with curtain walls.



THIN VENEER

Full-depth veneers involve the expense of structural support. Our **thin veneer**, by contrast, requires no specially engineered support, making it suitable for any stage of construction or remodeling. At about 1" thick, it weighs less than 15 pounds per square foot and is an attractive, durable alternative to artificial stone, concrete, stucco, or other siding. Even at altitude, its color will not fade.

Thin veneer is available in exact and nominal sizing for 2"/4"/ 6" course heights or 3"/ 6"/9" course heights.

Our thin veneer is offered in several distinctive patterns.



Rocky Mountain Rose is a traditional cut-face veneer. This pattern is available in either 2" coursed or random ashlar (shown here) . We sell 4" corners for both, to create the appearance of the 4" full-depth veneer.



Federal Rose: Sawn on four sides with the natural cleft showing, this veneer installs very quickly and adds a modern elegance to any project. The sawn heights let you install this stone in courses or a random pattern. It is available in both full heights for dry-stack layup or nominal heights to allow mortar joints.



Thin veneer is also available in **Prairie Gold**, in sawn or cut face.

College Rose: Similar to Federal Rose, College Rose has sawn heights, but with angled quarry ends that create a less formal feel. College Rose can be installed in a coursed pattern, which can mix the sawn heights, or an ashlar pattern. Dry stack typically installs faster, because there are no joints to tend in either coursed or ashlar patterns. Coursed dry stack offers the fastest installation.



Cottage Rose: With snap cut sides and the natural cleft facing out, Cottage Rose helps create a rustic atmosphere. Our least expensive thin veneer, it is ideal for a coursed installation.



Provincial Rose: Like Cottage Rose, Provincial Rose is snap cut on four sides. It offers a random—not coursed—blocky, European look.



FURNITURE



We hand cut and fit each piece. Our furniture is impervious to sun, snow, ice, wind, rain, and hail. It naturally resists theft and breakage.



Our standard bench top is **rectangular (1)**, though we do sell custom shapes, including curves. Other options include **rounded corners (2)**, **curved ends (3)**, **half circle ends**, or a **natural slab (4)**. We can chisel sides for a hand-shaped look.

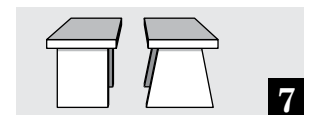


Trestle benches (1-4) use our 16"-wide trestle legs with a full range of tops.



A **trestle-backed bench (5)** extends trestle legs to support the back. We stock this bench in 3', 4', and 5' lengths, with custom sizing available. The seat is 16" wide and the back is 20" tall.

Keystone (6): The legs are single blocks 4" to 6" wide, cut square or tapered (7), with a sawn surface at top and bottom that sits level on concrete.



T-Leg Benches (8): Two legs of interlocking 12" stones form a flexible, stable support. This is the best base for curved benches.



Block benches (9) combine two 12" tall legs with a 5" thick top. **Stacked benches (10)** use two or three stones to create each leg.



Natural benches (11) use two natural blocks as legs and a natural slab as a top.





12



13



14



15

Dining tables are rectangular (12) or elliptical (13) with a three-piece trestle support, width of 36" to 48", and length of 60" to 84".

Other tables:

- Regular legs (14) or V legs (15)
- Round or square, 24" to 60" width/diameter
- **Three heights:**
Side tables, 20" height
Patio tables (shown), 30" height
Bar tables, 42" height

We offer **honey-polished** tabletops and slabs for other outdoor bases, including kitchen counters.

Planters (16) are four interlocking 12" x 24" stones, angled so that a 12" x 12" stone will fit in the center and form a well-drained planter that holds 1.33 cubic feet of soil. The five pieces disassemble for movement or storage.

Plant stands (17) are perfect for any plant that grows downward. With a 48" tall base and a 12" round top, these are elegant pieces for a deck or living room.

Triangle stools (18) measure 18" to a side. They have rounded corners and are set on an interlocking T-leg. Small and easy to move. Use them as seating, a small side table, or a stand.



16



17



18

TECHNICAL SPECIFICATIONS

ASTM C170

Compressive Strength: 32,402 PSI

ASTM C880

Flexural Strength: 2882.

ASTM C97

Absorption and Specific Gravity:

.077% absorption, 158.8 lbs. per cubic ft.

Coverage per ton:

1.5" thick: 100 square feet

2" thick: 75 square feet

4" thick: 37.5 square feet

8" thick: 17 square feet

For non-gauged products, **standard tolerance** is +/- 1/4" for stone up to 6" thick and +/- 1/2" for stone more than 6" thick.

For gauged products, tolerance is 1/8" to 1/16".

Dimensional cuts and trim available in honed, polished, and water-jet surfaces.

